## **CLAIMS**

What is claimed is:

1	1.	A reusable device for protecting an electronic component from electrostatic
2		discharge (ESD), comprising:
3		a substrate having a coupling region being adapted for detachable coupling to at
4		least one of a cable and another device;
5		at least one diode coupled to the substrate; and
6		contact leads coupled to the coupling region of the substrate, the contact leads
7		being in electrical communication with the at least one diode.
1	2.	A device as recited in claim 1, wherein the substrate is flexible.
1	3.	A device as recited in claim 1, wherein the substrate is substantially resilient.
1	4.	A device as recited in claim 1, wherein the at least one diode includes crossed diodes.
1	5.	A device as recited in claim 4, wherein the crossed diodes include multiple diodes aligned in series in each direction.

- 1 6. A device as recited in claim 5, wherein a number of diodes in one bias direction is 2 different than a number of diodes in another bias direction. 1 7. A device as recited in claim 1, wherein the at least one diode has a response time 2 of less than about 20 nanoseconds. 1 8. A device as recited in claim 1, wherein the at least one diode is contained in a 2 chip, wherein the chip is coupled to the substrate. 1 9. A device as recited in claim 1, wherein a compression fitting is used to couple the 2 coupling region of the substrate to the cable or the other device. 1 10. A device as recited in claim 1, wherein the device is used during testing of tape 2 heads. 1 11. A device as recited in claim 1, wherein the device is used during testing of disk 2 heads. 1 12. A device for protecting an electronic component from electrostatic discharge 2 (ESD), comprising:
- 5 at least one pair of crossed diodes coupled to the substrate; and

least one of a cable and another device;

a substrate having at least one coupling region being adapted for coupling to at

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6 contact leads coupled to the coupling region of the substrate, the contact leads 7 being in electrical communication with the at least one diode. 1 13. A device as recited in claim 12, wherein the substrate is flexible. 1 14. A device as recited in claim 12, wherein the substrate is substantially resilient. 1 15. A device as recited in claim 12, wherein each pair of crossed diodes include 2 multiple diodes aligned in series in each direction. 1 16. A device as recited in claim 15, wherein a number of diodes in one bias direction 2 is different than a number of diodes in another bias direction. 17. A device as recited in claim 12, wherein the diodes have a response time of less 1 2 than about 20 nanoseconds. 1 18. A device as recited in claim 12, wherein the diodes are contained in a chip, 2 wherein the chip is coupled to the substrate. 1 19. A device as recited in claim 12, wherein a compression fitting is used to couple 2 the coupling region of the substrate to the cable or the other device.

I	20.	A device as recited in claim 12, wherein the device is used during testing of tape
2		heads.
1	21.	A device as recited in claim 12, wherein the device is used during testing of disk
2		heads.
1	22.	A reusable device for protecting a magnetic head from electrostatic discharge
2		(ESD) during testing of the magnetic head, comprising:
3		a substrate having first and second coupling regions, the first coupling region
4		being adapted for coupling to a cable, the second coupling region being
5		adapted for detachable coupling to at least one of a second cable and
6		another device;
7		crossed diodes coupled to the substrate, a pair of the crossed diodes being presen
8		for each element of the magnetic head being tested, each pair of crossed
9		diodes including multiple diodes aligned in series in each direction,
10		wherein the diodes have a response time of less than about 20
11		nanoseconds; and
12		contact leads coupled to the coupling region of the substrate, the contact leads
13		being in electrical communication with the crossed diodes